

Listing of Claims:

1. (currently amended) Method for digitally signing an electronic form in a secure manner by a mobile station, said method comprising the steps of:

creating, by a payment machine, an electronic form;

computing, in the payment machine, a first hash code for the material to be signed, the material to be signed including at least one of the form, an identifier of the form, shared information, ~~and/or~~ and information in essential fields of the form;

transferring the material to be signed and the first hash code from the payment machine to the mobile station, wherein the mobile station includes a display capable of displaying at least a portion of the material to be signed or information related to the material to be signed;

digitally signing, by a user using the mobile station, the material and the first hash code transferred to the mobile station; and

verifying, in the payment machine, the authenticity of the signed and transferred material by comparing the signed hash code with the first hash code computed from the material before signature.

2. (previously presented) Method as defined in claim 1, wherein the first hash code is added to the material to be transferred to the mobile station.

3. (previously presented) Method as defined in claim 1, wherein the material to be signed is generated from an identifier of the form and information in the essential fields of the form.

4. (previously presented) Method as defined in claim 3, wherein said step of computing comprises computing the first hash code from the material to be signed, before the material is transferred into the mobile station.

5. (previously presented) Method as defined in claim 1, wherein:
the material transferred from the payment machine to the mobile station for signature is also transferred from the payment machine to a second party; and
the signed material is transferred from the mobile station to the second party, whereupon the second party performs said step of verifying the authenticity of the signature.

6. (previously presented) Method as defined in claim 5, wherein:
the material is encrypted before being transferred between the mobile station and the second party; and
the encrypted material is decrypted before the signing of the material and before the verification of authenticity of the material.

7. (previously presented) Method as defined in claim 1, wherein the form is generated using a pre-agreed form template provided with an identifier, the information in the essential fields of the form being filled in the form template before it is transferred to the mobile station.

8. (previously presented) Method as defined in claim 1, wherein the hash code is generated using a hash function.

9. (previously presented) Method as defined in claim 1, wherein the signature and/or encryption of the message is implemented using a public and private key method.

10. (previously presented) Method as defined in claim 1, wherein the material or part of the material is presented on the display in the mobile station before the material is signed.

11. (previously presented) Method as defined in claim 1, wherein the mobile station is started in signature mode before the transfer of the material into the mobile station.

12. (previously presented) Method as defined in claim 1, wherein:
the material is stamped with a time stamp; and
a transaction of the signing of the material is filed after the signature has been authenticated.

13. (currently amended) System for digitally signing an electronic form in a secure manner by a mobile station, said system comprising:

a payment machine including means for creating an electronic form;
means connected to the payment machine for the generation of the material to be signed, said material comprising at least one of the electronic form, its identifier, shared data, ~~and/or~~ and information in essential fields of the electronic form, and

means connected to the payment machine for the transfer of the material into the mobile station, wherein

the payment machine comprises means for computing a first hash code from the material to be signed and means for transfer of the first hash code into the mobile station;

the mobile station includes a display and comprises signing means for allowing a user using the mobile station to sign ~~the signing of~~ the material and the first hash code transferred into ~~it~~ the mobile station, the display being capable of displaying at least a portion of the material to be signed or information related to the material to be signed; and

the payment machine comprises means for verifying the authenticity of the signed and transferred material by comparing the signed hash code with the first hash code computed from the material before signature.

14. (previously presented) System as defined in claim 13, wherein the system comprises:

a server connected to the payment machine and the mobile station and controlled by a second party; and

the mobile station comprises means for encrypting the signed material.

15. (previously presented) System as defined in claim 13, wherein the server comprises means for the verification of authenticity of the digital signature.

16. (previously presented) System as defined in claim 19, wherein the mobile station comprises means for presenting the material or part of the material on the display in the mobile station before the signing of the material.

17. (previously presented) System as defined in claim 13, wherein the server comprises: means for stamping the material with a time stamp; and

means for filing a transaction of the signing of the material after the signature has been authenticated.

18. (canceled)

19. (previously presented) System as defined in claim 13, wherein the mobile station comprises a display configured to present to a user of the mobile station at least a portion of the material.

20. (previously presented) Method as defined in claim 1, wherein said step of transferring comprises transferring the material to be signed and the first hash code directly from the payment machine to the mobile station using only a wireless transmission.

21. (previously presented) Method as defined in claim 20, wherein the wireless transmission used one of Bluetooth and infrared technology.

22. (previously presented) System as defined in claim 13, wherein the means connected to the payment machine for the transfer of the material into the mobile station includes a wireless transmission means.

23. (previously presented) System as defined in claim 22, wherein the wireless transmission means uses one of Bluetooth and infrared technology.

24. (currently amended) Method for digitally signing an electronic form for a payment transaction between a payee and payer in a secure manner by the payer using a mobile station, said method comprising the steps of:

creating, in a local payment machine of the payee, an electronic form;

computing, in the payment machine, a first hash code for the material to be signed, the material to be signed including at least one of the form, an identifier of the form, shared information, ~~and/or~~ and information in essential fields of the form;

transferring, from the payment machine to the mobile station of the payer, the material to be signed and the first hash code, the mobile station including a display and being configured for wireless communication in a wireless communication network, the display being capable of displaying at least a portion of the material to be signed or information related to the material to be signed;

digitally signing, by the payer using the mobile station, the material and the first hash code transferred to the mobile station; and

verifying, in the payment machine, the authenticity of the signed and transferred material by comparing the signed hash code with the first hash code computed from the material before signature.

25. (previously presented) Method as defined in claim 1, wherein the mobile station is a mobile telephone.

26. (previously presented) System as defined in claim 13, wherein the mobile station is a mobile telephone.

27. (previously presented) Method as defined in claim 24, wherein the mobile station is a mobile telephone.